

Title (en)
CROSSLINKING METHOD

Title (de)
VERNETZUNGSVERFAHREN

Title (fr)
PROCEDE DE RETICULATION

Publication
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Application
EP 06760832 A 20060630

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Abstract (en)
[origin: WO2007002999A1] The invention provides a method of preparing a crosslinked polymer, which method comprises polymerising branched polyunsaturated monomers by a metathesis polymerisation reaction, wherein the branched polyunsaturated monomers contain acyclic ethylenically unsaturated groups that are capable of undergoing polymerisation by a metathesis reaction such that the metathesis polymerisation produces a crosslinked polymer and substantially no non-volatile ethylenically unsaturated by-products.

IPC 8 full level
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C07C 67/333 (2013.01 - EP US); **C08G 61/00** (2013.01 - EP US); **C09D 165/00** (2013.01 - EP US); **C11C 3/00** (2013.01 - EP US)

Citation (search report)
• [X] US 2002053379 A1 20020509 - TOKAS EDWARD F [US], et al
• See references of WO 2007002999A1

Citation (examination)
• "Römpp Chemie Lexikon", vol. 3, part 9th edition 1 January 1990, GEORG THIEME VERLAG, Stuttgart, article JÜRGEN FALBE, MANFRED REGITZ (EDITORS): "Entry for linseed oil ("Leinöl")", pages: 2480 - 2481
• MOL ET AL: "Metathesis in Oleochemistry", JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, SAO PAULO, BR, vol. 9, no. 1, 1 January 1998 (1998-01-01), pages 1 - 11, XP009120774, ISSN: 0103-5053, DOI: 10.1590/S0103-50531998000100002
• MOL J C: "Applications of Olefin Metathesis in the Oleochemistry", RING OPENING METATHESIS POLYMERISATION AND RELATED CHEMISTRY: STATE OF THE ART AND VISIONS FOR THE NEW CENTURY. PROCEEDINGS OF THE NATO ADVANCED STUDY INSTITUTE, POLAICA-ZDROY, POLAND, 3 - 15 SEPTEMBER 2000 (BOOK SERIES: NATO SCIENCE SERIES 2, MATHEM, vol. 56, 1 January 2002 (2002-01-01), pages 377 - 390, XP009120771, ISBN: 978-1-4020-0558-9

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